

IN THE CLAIMS

1. (currently amended) A television receiver that inputs encoded picture data that contains motion information used when the picture data was encoded and moving picture data that does not contain the motion information, the television receiver comprising:

decoding means for decoding the encoded picture data that contains motion information according to the motion information and for outputting the decoded picture data;

picture process means for performing a picture process on the decoded picture data and for outputting the processed data to a display section; and

time axis compensation means for supplying motion information according to the decoded picture data to the picture process means in synchronization with the supply of the decoded picture data to the picture process means,

wherein the picture process means performs a picture process on the decoded picture data according to the motion information supplied from the time axis compensation means,

and in which the television receiver further comprises:

motion detection means for inputting the moving picture data that does not contain the motion information, detecting motion information of the moving picture data, and supplying the detected motion information to the picture process means,

wherein when the moving picture data are input to the motion detection means, the picture process means performs a picture process on the moving picture data according to the detected motion information, and

wherein of (i) the encoded picture data that contains motion information and (ii) the moving picture data that does

not contain the motion information, the decoding means only receives the encoded picture data that contains motion information such that the decoding means does not receive the moving picture data that does not contain the motion information, and the motion detection means only receives as an input the moving picture data that does not contain the motion information such that the motion detection means does not receive as an input the encoded picture data that contains motion information.

2. (previously presented) The television receiver as set forth in claim 1, wherein

the encoded picture data contains difference data against a reference picture, and

the decoding means adds past or future picture data generated according to the motion information and the difference data to generate the decoded picture data.

3. (previously presented) The television receiver as set forth in claim 1, wherein

the motion information is a moving vector detected for each macro block composed of a plurality of pixels, and

the picture process means references the moving vector for each macro block and performs the picture process.

4. (previously presented) The television receiver as set forth in claim 1,

wherein when the motion information supplied from the time axis compensation means exceeds a predetermined value, the picture process means performs a moving picture adaptive process on the picture data and when the motion information supplied from the time axis compensation means is less than or equal to

the predetermined value, the picture process means performs a still picture adaptive process on the picture data.

5. (previously presented) The television receiver as set forth in claim 1, wherein the picture process means is a noise reduction circuit that adds picture data of successive frames to the decoded picture data at a predetermined ratio according to the motion information supplied from the time axis compensation means.

6. (canceled)

7. (currently amended) ~~The television receiver as set forth in claim 1,~~ A television receiver that inputs encoded picture data that contains motion information used when the picture data was encoded and moving picture data that does not contain the motion information, the television receiver comprising:

decoding means for decoding the encoded picture data according to the motion information and for outputting the decoded picture data;

picture process means for performing a picture process on the decoded picture data and for outputting the processed data to a display section; and

time axis compensation means for supplying motion information according to the decoded picture data to the picture process means in synchronization with the supply of the decoded picture data to the picture process means,

wherein the picture process means performs a picture process on the decoded picture data according to the motion information supplied from the time axis compensation means, and

wherein

the encoded picture data is an elementary stream according to the MPEG2 system, and

the time axis compensation means supplies the motion information to the picture process means in synchronization with the supply of the decoded picture data to the picture process means according to encoding mode information representing the type of the encoded picture data supplied together with the motion information from the decoding means.

8. (currently amended) A picture processing method of inputting encoded picture data that contains motion information used when the picture data was encoded and moving picture data that does not contain the motion information, and performing a predetermined picture process, the method comprising the steps of:

decoding by use of a decoder the encoded picture data that contains motion information according to the motion information and supplying the decoded picture data to a processor;

supplying motion information according to the decoded picture data to the processor in synchronization with the supply of the decoded picture data to the processor; and

performing a picture process on the decoded picture data or the moving picture data,

wherein when the decoded picture data is supplied to the processor, the picture process is performed on the decoded picture data according to the motion information supplied to the processor, and

in which the method further comprises:

inputting the moving picture data that does not contain the motion information, detecting motion information of the moving picture data by use of a motion detection circuit, and supplying the detected motion information to the processor,

wherein the performing step performs a picture process on the moving picture data according to the detected motion information supplied to the processor, and

wherein of (i) the encoded picture data that contains motion information and (ii) the moving picture data that does not contain the motion information, the decoder only receives the encoded picture data that contains motion information such that the decoder does not receive the moving picture data that does not contain the motion information, and the motion detection circuit only receives as an input the moving picture data that does not contain the motion information such that the motion detection circuit does not receive as an input the encoded picture data that contains motion information.

9. (cancelled)

10. (cancelled)

11. (cancelled)

12. (cancelled)

13. (cancelled)

14. (currently amended) The picture processing method as set forth in claim 8, A picture processing method of inputting encoded picture data that contains motion information used when the picture data was encoded and moving picture data that does not contain the motion information, and performing a predetermined picture process, the method comprising the steps of:

decoding the encoded picture data according to the motion information and supplying the decoded picture data to a processor;

supplying motion information according to the decoded picture data to the processor in synchronization with the supply of the decoded picture data to the processor; and

performing a picture process on the decoded picture data or the moving picture data,

wherein when the decoded picture data is supplied to the processor, the picture process is performed on the decoded picture data according to the motion information supplied to the processor, and

wherein

the encoded picture data is an elementary stream according to the MPEG2 system, and

the motion information is supplied to the processor in synchronization with the supply of the decoded picture data to the processor according to encoding mode information that represents the type of the encoded picture data supplied together with the motion information from the decoding step.

15. (previously presented) The television receiver as set forth in claim 6, wherein the picture process means is a noise reduction circuit that adds picture data of successive frames to the decoded picture data at a predetermined ratio when the motion information supplied from the time axis compensation means or the detected motion information is less than or equal to a predetermined value.

16. (previously presented) The television receiving as set forth in claim 6, further comprising:

an operation section that selects a channel in which a broadcast signal modulated as the encoded picture data has been

received or a channel in which a broadcast signal demodulated as the moving picture data has been received;

selection means for supplying the decoded picture data or the non-encoded picture data to the picture process means; and

control means for controlling the selection means according to channel information selected by the operation section.

17. (previously presented) The picture processing method as set forth in claim 13, wherein the picture process is a noise reduction process that adds picture data of successive frames at a predetermined ratio when the motion information supplied to the processor is less than or equal to a predetermined value.

18. (previously presented) The picture processing method as set forth in claim 8, wherein the picture process is a noise reduction process that adds picture data of successive frames to the decoded picture data at a predetermined ratio according to the motion information supplied to the processor.

19. (new) The television receiver as set forth in claim 1, wherein the decoding means does not include a motion detection circuit.